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Education Information

Doctorate, Bursa Uludağ University, FEN BİLİMLERİ ENSTİTÜSÜ, Matematik (Dr), Turkey 2009 - 2014

Postgraduate, Bursa Uludağ University, FEN BİLİMLERİ ENSTİTÜSÜ, Matematik (YI) (Tezli), Turkey 2005 - 2008

Undergraduate, Bursa Uludağ University, FEN-EDEBİYAT FAKÜLTESİ, Matematik Bölümü, Turkey 2000 - 2004

Foreign Languages

English, C2 Mastery

Dissertations

Doctorate, Graf operasyonlarının Zagreb ve çarpımsal Zagreb indeksleri, Bursa Uludağ University, FEN BİLİMLERİ ENSTİTÜSÜ, Matematik (Dr), 2014

Postgraduate, Kimya ve Grup Teori, Bursa Uludağ University, FEN BİLİMLERİ ENSTİTÜSÜ, Matematik (YI) (Tezli), 2008

Research Areas

Group Theory and Generalizations, Combinatorics

Academic Titles / Tasks

Associate Professor, Bursa Uludağ University, Fen-Edebiyat Fakültesi, Matematik, 2024 - Continues

Assistant Professor, Bursa Uludağ University, Fen-Edebiyat Fakültesi, Matematik, 2021 - 2024

Research Assistant, Bursa Uludağ University, FEN-EDEBİYAT FAKÜLTESİ, MATEMATİK, 2006 - 2021

Courses

Postgraduate

Yüksek Lisans Uzmanlık Alan Dersi IV, Postgraduate, 2023 - 2024

Tez Danışmanlığı IV, Postgraduate, 2023 - 2024

Tez Danışmanlığı II, Postgraduate, 2022 - 2023

Topolojik Graf İndeksleri II, Postgraduate, 2022 - 2023

Tez Danışmanlığı III, Postgraduate, 2023 - 2024

Yüksek Lisans Uzmanlık Alan Dersi III, Postgraduate, 2023 - 2024

Genelleştirilmiş Polinomlar II, Postgraduate, 2022 - 2023

Yüksek Lisans Uzmanlık Alan Dersi II, Postgraduate, 2022 - 2023

Yüksek Lisans Uzmanlık Alan Dersi I, Postgraduate, 2022 - 2023

Tez Danışmanlığı I, Postgraduate, 2022 - 2023

Topolojik Graf İndeksler I, Postgraduate, 2022 - 2023

Undergraduate

Metrik Uzaylar, Undergraduate, 2023 - 2024, 2022 - 2023

ANALYSIS IV, Undergraduate, 2023 - 2024, 2021 - 2022, 2020 - 2021, 2019 - 2020, 2018 - 2019, 2017 - 2018, 2016 - 2017

Calculus II, Undergraduate, 2023 - 2024, 2021 - 2022

Matematik I, Undergraduate, 2023 - 2024, 2022 - 2023

Analysis III, Undergraduate, 2023 - 2024, 2020 - 2021, 2019 - 2020, 2018 - 2019, 2017 - 2018, 2016 - 2017

Temel Matematik I, Undergraduate, 2022 - 2023

Mathematics, Undergraduate, 2020 - 2021, 2019 - 2020, 2018 - 2019

Mathematics II, Undergraduate, 2020 - 2021

Mathematics II, Undergraduate, 2020 - 2021

Published journal articles indexed by SCI, SSCI, and AHCI

- I. **The Effect of Vertex and Edge Removal on Sombor Index**
YURTTAŞ GÜNEŞ A., ÖZDEN AYNA H., CANGÜL İ. N.
SYMMETRY-BASEL, vol.16, no.2, 2024 (SCI-Expanded)
- II. **The Effect of Edge and Vertex Deletion on Omega Invariant**
Delen S., Togan M., Yurttas Güneş A., Ana U., Cangül İ. N.
Applicable Analysis And Discrete Mathematics, vol.14, no.3, pp.1-11, 2020 (SCI-Expanded)
- III. **Fibonacci Graphs**
Gunes A., Delen S., Demirci M., Cevik A. S., Cangül İ. N.
SYMMETRY-BASEL, vol.12, no.9, 2020 (SCI-Expanded)
- IV. **Matching number and characteristic polynomial of a graph**
Yurttas Güneş A., Demirci M., Oz M. S., Cangül İ. N.
JOURNAL OF TAIBAH UNIVERSITY FOR SCIENCE, vol.14, pp.993-999, 2020 (SCI-Expanded)
- V. **Inverse Problem for Bell Index**
Togan M., Yurttas A., Sanli U., Celik F., Cangul İ. N.
FILOMAT, vol.34, no.2, pp.615-621, 2020 (SCI-Expanded)
- VI. **Cut vertex and cut edge problem for topological graph indices**
Gunes A., Togan M., Celik F., Cangül İ. N.
JOURNAL OF TAIBAH UNIVERSITY FOR SCIENCE, vol.13, no.1, pp.1175-1183, 2019 (SCI-Expanded)
- VII. **Inverse problem for Zagreb indices**
Yurttas A., Togan M., Loksha V., CANGÜL İ. N., Gutman I.
JOURNAL OF MATHEMATICAL CHEMISTRY, vol.57, no.2, pp.609-615, 2019 (SCI-Expanded)
- VIII. **Inverse Problem for Sigma Index**
Gutman I., Togan M., Yurttas A., ÇEVİK A. S., CANGÜL İ. N.
MATCH-COMMUNICATIONS IN MATHEMATICAL AND IN COMPUTER CHEMISTRY, vol.79, no.2, pp.491-508, 2018

(SCI-Expanded)

- IX. **On the first Zagreb index and multiplicative Zagreb coindices of graphs**
Das K. C., AKGÜNEŞ N., Togan M., Yurttas A., CANGÜL İ. N., ÇEVİK A. S.
ANALELE STIINTIFICE ALE UNIVERSITATII OVIDIUS CONSTANTA-SERIA MATEMATICA, vol.24, no.1, pp.153-176,
2016 (SCI-Expanded)
- X. **The multiplicative Zagreb indices of graph operations**
Das K. C., Yurttas A., Togan M., Çevik A. S., Cangül İ. N.
JOURNAL OF INEQUALITIES AND APPLICATIONS, 2013 (SCI-Expanded)
- XI. **Determining the minimal polynomial of $\cos(2\pi/n)$ over \mathbb{Q} with Maple**
Özgür B., YURTTAŞ A., CANGÜL İ. N.
FRONTIERS OF FUNDAMENTAL AND COMPUTATIONAL PHYSICS, vol.1479, pp.368-370, 2012 (SCI-Expanded)
- XII. **Some properties of the minimal polynomials of $2\cos(\pi/q)$ for odd q**
Özgür B., DEMİRCİ M., YURTTAŞ A., CANGÜL İ. N.
FRONTIERS OF FUNDAMENTAL AND COMPUTATIONAL PHYSICS, vol.1389, pp.353-356, 2011 (SCI-Expanded)

Articles Published in Other Journals

- I. **The Effect Of Omega Invariant On Some Topological Graph Indices**
DEMİRCİ M., YURTTAŞ GÜNEŞ A., Delen S., CANGÜL İ. N.
Creative Mathematics and Informatics, vol.30, no.2, pp.175-180, 2021 (Peer-Reviewed Journal)
- II. **Distance Eccentric Connectivity Index of Graphs**
Alqesmah A., Saleh A., Rangarajan R., Yurttas Güneş A., Cangül İ. N.
KYUNGPOOK MATHEMATICAL JOURNAL, vol.61, no.1, pp.61-74, 2021 (ESCI)
- III. **Some degree-based topological indices of triphenylene polyester**
TOGAN M., YURTTAŞ GÜNEŞ A., DEMİRCİ M., CANGÜL İ. N.
Indonesian Journal of Combinatorics, vol.5, no.1, pp.26-34, 2021 (Peer-Reviewed Journal)
- IV. **Harmonic Index and Zagreb Indices of Vertex-Semitotal Graphs**
Yurttas Güneş A., Togan M., Demirci M., Cangül İ. N.
European Journal of Pure and Applied Mathematics, vol.13, no.5, pp.1260-1269, 2020 (ESCI)
- V. **Topological Indices of Dopamine**
YURTTAŞ GÜNEŞ A.
Montes Taurus J. Pure Appl. Math., vol.2, no.1, pp.63-68, 2020 (Peer-Reviewed Journal)
- VI. **Omega invariant of the line graphs of unicyclic graphs**
Togan M., Yurttas Güneş A., Delen S., Cangül İ. N.
Montes Taurus Journal of Pure and Applied Mathematics, vol.2, no.2, pp.45-48, 2020 (Peer-Reviewed Journal)
- VII. **Certain Topological Indices of Some Derived Graphs**
Yurttas Güneş A., Togan M., Demirci M., Cangül İ. N.
Turkish Journal of Analysis and Number Theory, vol.8, no.4, pp.75-79, 2020 (Peer-Reviewed Journal)
- VIII. **Connectedness of Graphs and Omega Invariant**
CANGÜL İ. N., YURTTAŞ GÜNEŞ A., Togan M., Delen S.
MICOPAM Proceedings Book, pp.59-62, 2019 (Peer-Reviewed Journal)
- IX. **Effect of Edge Deletion and Addition on Zagreb Indices of Graphs**
Togan M., Yurttas Güneş A., Çevik A. S., Cangül İ. N.
Mathematical Methods in Engineering, Theoretical Aspects, Nonlinear Systems and Complexity, vol.23, pp.191-201,
2019 (Peer-Reviewed Journal)
- X. **ZAGREB INDICES AND MULTIPLICATIVE ZAGREB INDICES OF DOUBLE GRAPHS OF SUBDIVISION GRAPHS**
Togan M., Yurttas A., Cevik A. S., CANGÜL İ. N.
TWMS JOURNAL OF APPLIED AND ENGINEERING MATHEMATICS, vol.9, no.2, pp.404-412, 2019 (ESCI)
- XI. **DEGREE BASED TOPOLOGICAL INDICES OF SANIDIC POLYAMIDES**

YURTTAŞ A.

MATI (Mathematical Aspects of Topological Indices), vol.1, no.2, pp.64-72, 2019 (Peer-Reviewed Journal)

- XII. **Inverse problem for the first entire Zagreb index**
Togan M., YURTTAŞ A., CANGÜL İ. N.
Advanced Studies in Contemporary Mathematics, vol.29, no.2, pp.161-169, 2019 (Scopus)
- XIII. **Omega Invariant of Graphs and Cyclicity**
Delen S., YURTTAŞ A., Togan M., CANGÜL İ. N.
Applied Sciences, vol.21, pp.91-95, 2019 (Scopus)
- XIV. **Zagreb Indices of Graphs with Added Edges**
YURTTAŞ A., TOGAN M., CANGÜL İ. N.
Proceedings of the Jangjeon Mathematical Society, vol.21, no.3, pp.385-392, 2018 (Scopus)
- XV. **New Results on Edge and Vertex Deletion in Graphs**
Delen S., Togan M., YURTTAŞ A., CANGÜL İ. N.
MICOPAM Proceedings Book, pp.175-179, 2018 (Peer-Reviewed Journal)
- XVI. **Omega Invariant and Its Applications in Graph Theory**
YURTTAŞ A., Togan M., Delen S., CANGÜL İ. N.
MICOPAM Proceedings Book, pp.86-90, 2018 (Peer-Reviewed Journal)
- XVII. **Relations between the first and second Zagreb indices of subdivision graphs**
YURTTAŞ A., TOGAN M., CANGÜL İ. N.
Advanced Studies in Contemporary Mathematics, vol.28, no.3, pp.337-346, 2018 (Scopus)
- XVIII. **Zagreb and multiplicative Zagreb indices of r-subdivision graphs of double graphs**
Togan M., Yurttas A., Cangül İ. N.
Scientia Magna, vol.12, no.1, pp.115-119, 2017 (Peer-Reviewed Journal)
- XIX. **Zagreb indices and multiplicative Zagreb indices of subdivision graphs of double graphs**
YURTTAŞ A., Togan M., CANGÜL İ. N.
Advanced Studies in Contemporary Mathematics, vol.26, no.3, pp.407-416, 2016 (Scopus)
- XX. **All versions of Zagreb indices and coindices of subdivision graphs of certain graph types**
Togan M., Yurttas A., Cangül İ. N.
Advanced Studies in Contemporary Mathematics, vol.26, no.1, pp.227-236, 2016 (Scopus)
- XXI. **Some formulae and inequalities on several Zagreb indices of r subdivision graphs**
YURTTAŞ A., Togan M., CANGÜL İ. N.
Enlightments of Pure and Applied Mathematics (EPAM), vol.1, no.1, pp.29-45, 2015 (Peer-Reviewed Journal)
- XXII. **Determining the minimal polynomial of $\cos(2\pi/n)$ over \mathbb{Q} with Maple**
Özgür B., Yurttas Güneş A., Cangül İ. N.
Numerical Analysis and Applied Mathematics, AIP Conf. Proc., vol.1479, pp.368-370, 2012 (Peer-Reviewed Journal)
- XXIII. **Calculation of the minimal polynomial of $2\cos(\pi/n)$ over \mathbb{Q} with Maple, Numerical Analysis and Applied Mathematics,**
Yurttas Güneş A., Özgür B., Cangül İ. N.
AIP Conf. Proc, vol.1479, pp.371-374, 2012 (Peer-Reviewed Journal)
- XXIV. **Some Formulae for the Zagreb Indices of Graphs**
Cangül İ. N., Yurttas Güneş A., Togan M., Çevik A. S.
Numerical Analysis and Applied Mathematics, AIP Conf. Proc., vol.1479, pp.365-367, 2012 (Peer-Reviewed Journal)
- XXV. **Classification of normal subgroups of Hecke group H_6 in terms of parabolic class number**
Yurttas Güneş A., Demirci M., Cangül İ. N.
Numerical Analysis and Applied Mathematics, AIP Conf. Proc., vol.1389, pp.315-316, 2011 (Peer-Reviewed Journal)
- XXVI. **Upper bounds for the level of normal subgroups of Hecke groups**
Demirci M., Yurttas Güneş A., Cangül İ. N.
Numerical Analysis and Applied Mathematics, AIP Conf. Proc., vol.1389, pp.337-340, 2011 (Peer-Reviewed Journal)

- XXVII. **Some properties of the minimal polynomials of $2\cos(\pi/q)$ for odd q**
 Özgür B., Demirci M., Yurttaş Güneş A., Cangül İ. N.
 Numerical Analysis and Applied Mathematics, AIP Conf. Proc., , vol.1389, pp.353-356, 2011 (Peer-Reviewed Journal)
- XXVIII. **Determination of Genus of Normal Subgroups of Discrete Groups**
 Cangül İ. N., Demirci M., Yurttaş Güneş A., Güzel Karpuz E., Ateş F.
 Numerical Analysis and Applied Mathematics, vol.1281, pp.1148-1151, 2010 (Peer-Reviewed Journal)
- XXIX. **Bernoulli-Frey Elliptic Curves**
 İnam İ., Yurttaş Güneş A., Bizim O., Cangül İ. N.
 Advances and Applications in Mathematical Sciences, vol.2009, pp.1-5, 2009 (ESCI)

Books

- I. **Effect of Edge Deletion and Addition on Zagreb Indices of Graphs**
 TOGAN M., YURTTAŞ A., ÇEVİK A. S., CANGÜL İ. N.
 in: Mathematical Methods in Engineering-Theoretical Aspects, K. TAS, D. BALEANU, J. A. T. MACHADO, Editor, SPRINGER, pp.191-201, 2019
- II. **BOUNDS ON SUBDIVISION AND r -SUBDIVISION GRAPHS AND DEGREE BASED GRAPH INDICES**
 Cangül İ. N., Yurttaş A., Togan M., Çevik A. S.
 in: BOUNDS İN CHEMİCAL GRAPH THEORY-ADVANCES, I. GUTMAN, B. FURTULA, K. Ch. DAS, E. MILOVANOVIC, I. MILOVANOVIC, Editor, MATHEMATICAL CHEMISTRY MONOGRAPHS, Kragujevac, pp.233-254, 2017

Papers Published in Refereed Scientific Meetings

- I. **Remarks on line graphs related to omega invariant**
 ÖZDEN AYNA H., URLU ÖZALAN N., YURTTAŞ GÜNEŞ A., CANGÜL İ. N.
 13th Symposium on Generating Functions of Special Numbers and Polynomials and their Applications, Antalya, Turkey, 11 - 13 March 2023
- II. **The number of realizations of a degree sequence**
 CANGÜL İ. N., ÖZDEN AYNA H., YURTTAŞ GÜNEŞ A., URLU ÖZALAN N., ÇEVİK A. S.
 13th Symposium on Generating Functions of Special Numbers and Polynomials and their Applications, Antalya, Turkey, 11 - 13 March 2023
- III. **Degree Sequences and Omega Invariant**
 ÖZDEN AYNA H., YURTTAŞ GÜNEŞ A., CANGÜL İ. N.
 International Conference of Multidisciplinary Research, Karnataka, India, 22 November 2022, pp.34
- IV. **Realizability Properties of Some Sets of Integers**
 YURTTAŞ GÜNEŞ A., ÖZDEN AYNA H., CANGÜL İ. N.
 International Conference of Multidisciplinary Research, Karnataka, India, 22 - 24 November 2022, pp.35
- V. **Recent Developments on Graph Invariants**
 CANGÜL İ. N., TOGAN M., YURTTAŞ GÜNEŞ A., DELEN S.
 International Conference on Advances in Mathematics and Computing-2020, Odisha, India, 7 - 08 February 2020, pp.6-8
- VI. **New Applications of the Graph Invariant Omega**
 CANGÜL İ. N., YURTTAŞ GÜNEŞ A., TOGAN M., DELEN S.
 International Conference on Advanced Mathematical Analysis and Its Applications (ICAMAA-2020), Odisha, India, 4 - 05 February 2020
- VII. **New applications of omega invariant**
 Cangül İ. N., Yurttaş Güneş A., Togan M., Delen S.
 Third International Conference on Current Scenario on Pure and Applied Mathematics (ICCSAM-2020), Tamil

Nadu, India, 30 - 31 January 2020, pp.29

- VIII. **Recent combinatorial and graph theoretical applications of omega invariant**
CANGÜL İ. N., YURTTAŞ GÜNEŞ A., TOGAN M., DELEN S.
First International Conference on Mathematical Techniques and Applications (ICMTA-2020), Tamil Nadu, India, 30 January - 01 February 2020, pp.2-6
- IX. **New applications of omega invariant**
Cangül İ. N., Togan M., Yurttaş Güneş A., Delen S.
Third International Conference on Current Scenario on Pure and Applied Mathematics (ICCSPAM-2020), , Tamil Nadu, India, 30 - 31 January 2020, pp.1-5
- X. **New applications of omega invariant**
Cangül İ. N., Yurttaş Güneş A., Togan M., Delen S.
Third International Conference on Current Scenario on Pure and Applied Mathematics (ICCSPAM-2020), Tamil Nadu, India, 30 - 31 January 2020, pp.1-4
- XI. **Connectedness of Graphs and Omega Invariant**
Cangül İ. N., Yurttaş A., Togan M., Delen S.
The 2nd Mediterranean International Conference of Pure Applied Mathematics and Related Areas (MICOPAM2019), Paris, France, 28 - 31 August 2019, vol.1, pp.59-62
- XII. **New Topological Results on Omega Invariant**
Cangül İ. N., Yurttaş A., Togan M., Delen S.
The 2nd Mediterranean International Conference of Pure Applied Mathematics and Related Areas, Paris, France, 28 - 31 August 2019
- XIII. **Omega Invariant and Its Applications on Topological Graph Theory**
Cangül İ. N., Delen S., Yurttaş A., Togan M.
3rd International Conference entitled Operators in General Morrey-Type Spaces and Applications (OMTSA 2019), Kütahya, Turkey, 16 - 20 July 2019
- XIV. **New Applications of Omega Invariant**
Cangül İ. N., Yurttaş A., Togan M.
Journées Arithmétiques, İstanbul, Turkey, 1 - 05 July 2019
- XV. **Applications of Omega Invariant in Graph Theory and Topology**
Cangül İ. N., Delen S., Togan M., Yurttaş A.
International Conference on Number Theory and Graph Theory, Karnataka, India, 27 - 29 June 2019
- XVI. **Omega Invariant for Graphs**
Cangül İ. N., Yurttaş A., Togan M., Delen S.
Second International Conference on Global Advancement of Mathematics (GAM 2019), Karnataka, India, 25 - 26 June 2019
- XVII. **Applications of Omega Invariant in Several Areas in Graphs and Combinatorics**
Cangül İ. N., Togan M., Yurttaş Güneş A., Delen S.
Seminar at Reva University School of Applied Sciences, Karnataka, India, 24 June 2019
- XVIII. **Applications of Omega Invariant in Graph Theory and Topology II**
Cangül İ. N., Delen S., Togan M., Yurttaş Güneş A.
Seminar at Christ University, Karnataka, India, 23 June 2019
- XIX. **Applications of Omega Graph Invariant**
Cangül İ. N., Togan M., Yurttaş A., Delen S.
International Conference on Recent Trends in Mathematics, Karnataka, India, 27 - 29 December 2018
- XX. **Applications of Omega Graph Invariant**
Cangül İ. N., Togan M., Yurttaş Güneş A., Delen S.
International Conference on Recent Trends in Mathematics, K. L. E. Society's Raja Lakhamagouda Science Institute, Karnataka, India, 27 - 29 December 2018
- XXI. **Omega Invariant and Its Applications in Graph Theory**
Yurttaş A., Togan M., Delen S., Cangül İ. N.
The Mediterranean International Conference of Pure Applied Mathematics and Related Areas, Dedicated to

Professor Gradimir V. Milovanović on the Occasion of his 70th Anniversary, Antalya, Turkey, 26 - 29 October 2018, vol.1, pp.86-90

- XXII. **New Results on Edge and Vertex Deletion in Graphs**
Delen S., Togan M., Yurttaş A., Cangül İ. N.
The Mediterranean International Conference of Pure Applied Mathematics and Related Areas, Dedicated to Professor Gradimir V. Milovanović on the Occasion of his 70th Anniversary, Antalya, Turkey, 26 - 29 October 2018, pp.175-179
- XXIII. **Fundamental Forms and Omega Invariant of Graphs**
Delen S., Togan M., Yurttaş A., Cangül İ. N.
The Mediterranean International Conference of Pure Applied Mathematics and Related Areas dedicated to Professor Gradimir V. Milovanovic on the Occasion of his 70th anniversary, Antalya, Turkey, 26 - 29 October 2018
- XXIV. **Omega Invariant and Its Applications in Graph Theory**
Cangül İ. N., Yurttaş Güneş A., Togan M., Delen S.
The Mediterranean International Conference of Pure & Applied Mathematics and Related Areas dedicated to Professor Gradimir V. Milovanovic on the Occasion of his 70th anniversary, Antalya, Turkey, 26 - 29 October 2018, pp.86-90
- XXV. **Fundamental Forms and Omega Invariant of Graphs**
Delen S., Togan M., Yurttaş Güneş A., Cangül İ. N.
The Mediterranean International Conference of Pure & Applied Mathematics and Related Areas dedicated to Professor Gradimir V. Milovanovic on the Occasion of his 70th anniversary, Antalya, Turkey, 26 - 29 October 2018, pp.175-179
- XXVI. **Some applications of a new graph invariant omega**
Cangül İ. N., Delen S., Togan M., Yurttaş A.
2nd International Conference on Applied Mathematics and Numerical Methods, Craiova, Romania, 19 - 20 October 2018
- XXVII. **Some applications of a new graph invariant omega**
Cangül İ. N., Delen S., Togan M., Yurttaş Güneş A.
2nd International Conference on Applied Mathematics and Numerical Methods, Craiova, Romania, 19 - 20 October 2018, pp.61
- XXVIII. **Molecular Applications of Graph Indices**
Cangül İ. N., Yurttaş A., Togan M.
International Conference on Applied Mathematics, Modeling and Life Science Problems, İstanbul, Turkey, 3 - 05 October 2018
- XXIX. **Omega Invariant of Graphs**
Cangül İ. N., Delen S., Yurttaş A., Togan M.
International Congress of Mathematicians, Rio De Janeiro, Brazil, 1 - 09 August 2018
- XXX. **Inverse Problem for the Second Zagreb Index, Forgotten Index, Hyper-Zagreb Index and Sigma Index**
Yurttaş A., Togan M., Cangül İ. N.
International Congress of Mathematicians (ICM 2018), Rio De Janeiro, Brazil, 1 - 09 August 2018
- XXXI. **Omega Invariant of Graphs**
Cangül İ. N., Delen S., Yurttaş Güneş A., Togan M.
International Congress of Mathematicians, Rio De Janeiro, Brazil, 1 - 09 August 2018
- XXXII. **Inverse Problem for the Second Zagreb Index, Forgotten Index, Hyper-Zagreb Index and Sigma Index**
Yurttaş Güneş A., Togan M., Cangül İ. N.
International Congress of Mathematicians, Rio De Janeiro, Brazil, 1 - 09 August 2018
- XXXIII. **Inverse Problem for Some Topological indices**
Yurttaş Güneş A., Togan M., Cangül İ. N.
World Meeting for Women in Mathematics, Rio De Janeiro, Brazil, 31 July 2018
- XXXIV. **New Properties of Realizations of Degree Sequences**

Cangül İ. N., Delen S., Yurttaş A., Togan M.

Graphs, groups, and more: celebrating Brian Alspach's 80th and Dragan Marušič's 65th birthdays, Koper, Slovenia, 28 May - 01 June 2018

XXXV. New Properties of Realizations of Degree Sequences

Cangül İ. N., Delen S., Yurttaş Güneş A., Togan M.

Graphs, groups, and more: celebrating Brian Alspach's 80th and Dragan Marušič's 65th birthdays, Koper, Slovenia, 28 May - 01 June 2018

XXXVI. A New Graph Theoretical Invariant in Terms of Degree Sequence

Cangül İ. N., Delen S., Yurttaş A., Togan M.

The 14th Serbian Mathematical Congress (14th SMAK), Kragujevac, Serbia, 16 - 19 May 2018

XXXVII. A New Graph Theoretical Invariant in Terms of Degree Sequence

Cangül İ. N., Delen S., Yurttaş Güneş A., Togan M.

The 14th Serbian Mathematical Congress (14th SMAK), Kragujevac, Serbia, 16 - 19 May 2018, pp.107

XXXVIII. Fundamental Form of a Graph

Cangül İ. N., Delen S., Yurttaş A., Togan M.

3rd International Conference on Computational Mathematics and Engineering Sciences, Girne, Cyprus (Kktc), 4 - 06 May 2018

XXXIX. Fundamental Form of a Graph

Cangül İ. N., Delen S., Yurttaş Güneş A., Togan M.

3rd International Conference on Computational Mathematics and Engineering Sciences, Girne, Cyprus (Kktc), 04 May 2018, pp.1

XL. Mathematical Applications in Chemistry

Cangül İ. N., Togan M., Yurttaş Güneş A., Çevik A. S.

Seminar at Mathematics Department, Acharya Institute of Graduate Studies, Karnataka, India, 24 February 2018

XLI. Topological Graph Indices and a new Graph Invariant

Cangül İ. N., Delen S., Yurttaş A., Togan M.

Science Forum, Karnataka, India, 24 February 2018

XLII. Topological Graph Indices and a new Graph Invariant

Cangül İ. N., Delen S., Yurttaş Güneş A., Togan M.

Science Forum, Karnataka, India, 24 February 2018

XLIII. Graphs and Their Applications

Cangül İ. N., Togan M., Yurttaş Güneş A., Çevik A. S.

Seminar at Sri D. Devaraja Urs Govt. First Grade College, Karnataka, India, 21 February 2018

XLIV. Recent Advances in Graph Theory

Cangül İ. N., Togan M., Yurttaş Güneş A.

Workshop on Graph Theory and Linear Algebra, Karnataka, India, 21 February 2018

XLV. Some Problems Related to Graph Indices

Cangül İ. N., Togan M., Yurttaş Güneş A., Çevik A. S.

Seminar at Sri D. Devaraja Urs Govt. First Grade College, Hunsur, Abohar, India, 21 February 2018

XLVI. Recent Advances in Graph Theory

Cangül İ. N., Togan M., Yurttaş A.

Workshop on Graph Theory and Linear Algebra, Karnataka, India, 21 February 2018

XLVII. Seminar on Graph Invariants

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XLVIII. Inverse Problem for Topological Indices

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Non Academic Experience

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